

# CHACE RAITER

## CONTACT

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**ADDRESS**

Bay Area, CA

**PHONE**

360-747-3326

**EMAIL**

raiter13@gmail.com

## LINKS

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[LinkedIn](#)

## KEY SKILLS

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Networking/IT

Electrical Troubleshooting

Electromechanical Diagnostics

Pneumatic Testing

CLI/Bash

Python

Java

OOP

Prompt Engineering

## HOBBIES

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fitness, cars, astrophysics, history, economics, finance, roman empire, AI computing

## PROFILE

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Engineer with expertise in integrated mechanical, electrical, and software troubleshooting. Skilled at problem-solving complex automated systems in high pressure environments. Focused on clear communication, learning, and ownership. Currently expanding skills in networking, security, and system administration through hands-on home lab projects. Passionate about the evolution of technology and the use of the latest tools for improving productivity.

## EMPLOYMENT HISTORY

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**Senior Field Service Engineer, FSE, Beckman-Coulter Diagnostics**

SF Bay Area

Jul 2021 — Present

- Troubleshoot and repair \$100K+ diagnostic instruments in medical labs, resolving hardware, software, and IT-layer failures under tight time constraints
- Correlate log files, GUI event logs, and real-time sensor data to isolate root causes across pressure sensors, solenoids, fluidics, and optical and electrical subsystems
- Configure and test networking and firewall settings for LIS and remote access
- Document complex issues and solutions in detail to support future engineers; train peers on diagnostics procedures and troubleshooting

**FSE 2 / Service Leader, ProAutomated**

SF Bay Area

Oct 2020 — Jul 2021

- Performed all duties as a field service engineer while simultaneously mentoring 5-8 junior engineers
- Led teams of 5-10 engineers through 1-3 month commissioning process on customer job sites

**Field Service Engineer, ProAutomated**

SF Bay Area

Oct 2018 — Oct 2020

- Troubleshoot software, electrical, and mechanical issues on Lutron Electronics lighting control and Honeywell Intelligrated materials handling systems
- Tested networking between devices using tools ranging from multimeters to Wireshark, tracing wiring, verifying link voltage levels, and resolving hardware issues (eg missing terminators, backfeeding)
- Diagnosed mismatches between programmed configurations and physical installations by thorough testing and verification
- Logged into central servers/processors via CLI, vnc and web-based admin tools to monitor, debug, and update live systems across jobsites
- Ranked #2 and #1 in performance metrics among a team of ~100 field employees for Q2 and Q3 2019

## EDUCATION

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**BS Mechanical Engineering (Math, Medical Imaging Physics Minors), University of Denver**

Jun 2017

**AS Computer Science Applications and Development, College of San Mateo**

Jun 2022